

NEW AMIGA SYSTEMS & CHIP SET REQUIREMENTS

- CONCENTRATE EFFORTS ON LOW END TO MID RANGE SYSTEMS
- NO BASIC CHANGE IN SYSTEMS OR CHIP SET ARCHITECTURES
- MAX VIDEO 28MHZ
- MAX SCAN RATE 31KHZ
- MAX RES 640X480
- MAX COLORS 256/16.6M
- > 640 X480 256 COLOR ADDRESSED BY ADD ON TECHNOLOGY
- LIMIT HDWR TO MIN SOFTWARE REQUIREMENTS & RESOURCE
- MINIMIZE RISKS OF INTRODUCING SOFTWARE INCOMPATIBILITIES

AA CHIP SET STARTING POINT

FEATURE	A300/A600	A1000/A3000
SERIAL PORT	ADD FIFOs	ADD FIFOs
FDD	ADD PC 1.44 MB	ADD PC 1.44 MB
CPU I/F SUPPORT	16 BIT 68000	32 BIT 68020 - 40
IDE SUPPORT	YES	YES
PCMCIA SUPPORT	YES (ADD DMA ,cd-rom)	NO
FAST RAM SUPPORT	NO	YES
SLOT BUS SUPPORT	NO	YES
SOUND UPGRADE	NO	NO
KEYBOARD &AUX I/F	NO CHANGE	NO CHANGE
VIDEO UPGRADE	16,OR 256 OF 32K COLORS (16 OR 32 BIT CHIP RAM (640X480)	NO CHANGE 256 OF 16.6M COLORS 640X480
RTC SUPPORT	NO	YES

YES

Dragu

AMIGA PRODUCT PLAN

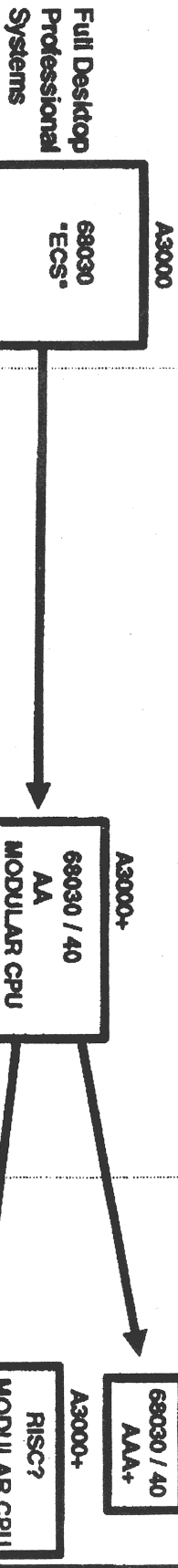
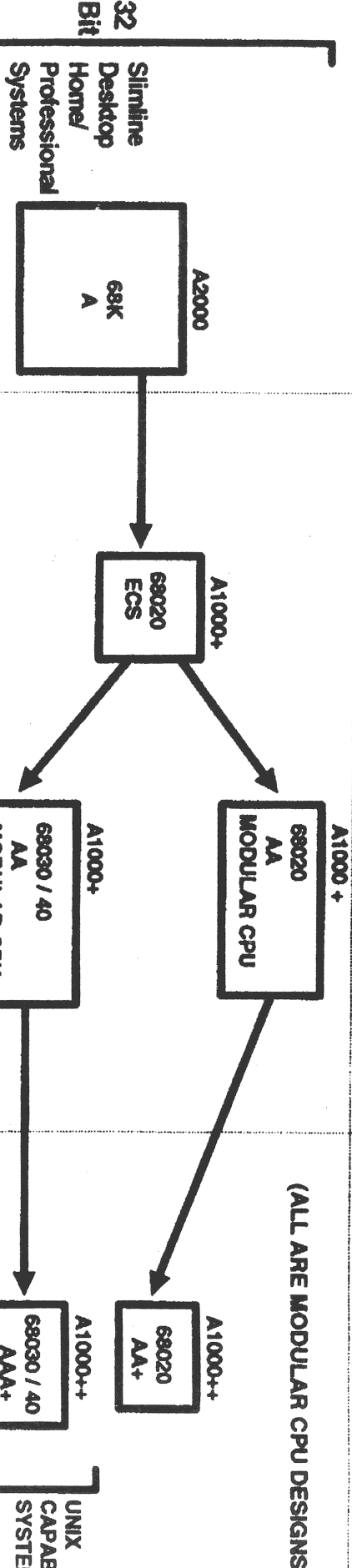
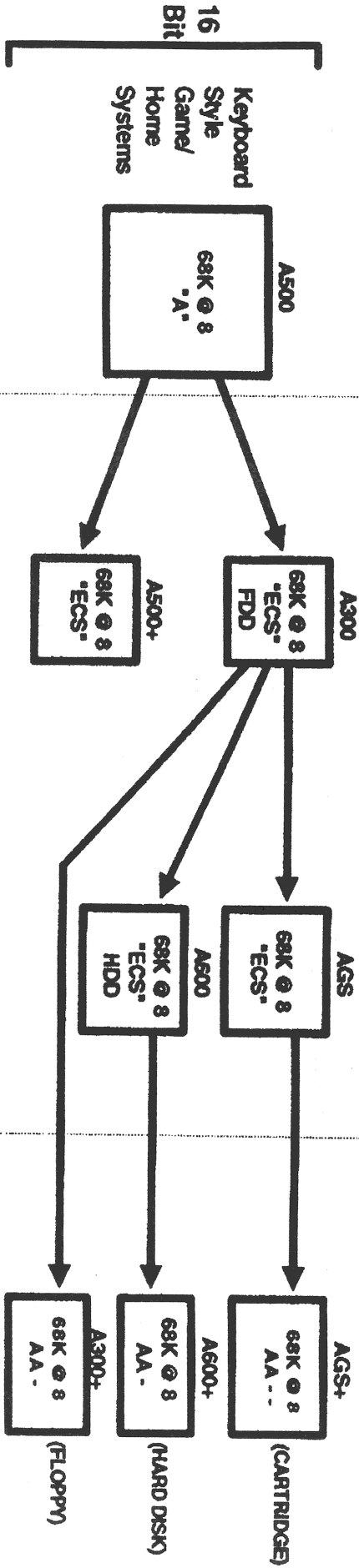
1992

1993 / 1994

PRESENT PRODUCTS

NEXT GENERATION PRODUCT

FUTURE PRODUCTS



PRODUCT COST EFFECTS OF CHIP INTEGRATION

- Piece parts costs of chips
- Reduced Glue chips
- Reduced size PC
- Reduced complexity of PC
 - fewer traces
 - less vias
 - less device holes
- Less PC assembly time
- Less PC test time
- Higher PC test yields
 - Less repair time
 - Less scarp
- Less Assembly equipment & support
- No System level chip screening
 - test costs less
 - less handling
 - less scrap
- No sockets
- Higher System level yields
 - Less System test time
 - less scrap
- Higher System yields

- Less System Repair times
- Smaller Power Supply
- Less Cooling
- Less Shielding
- Less EMI Filtering components
- Higher Reliability
 - Less warranty repair/replace costs
 - faster repair time
 - Less spare parts inventory required
- fewer parts to control, track, ship & inventory

**this document was
generously
contributed by**

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